

COMBINED DECLARATION/POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS OF OPTIMIZING RECORDING CURRENT AND SETTING RECORDING DENSITY OF HARD DISK DRIVE

the specification of which is attached hereto, unless the following box is checked:

☒ was filed on December 12, 2003 as United States Application Number or PCT International Application Number 10/733,818 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefit(s) under 35 U.S.C. § 119(a)-(d) or § 365(a)-(c) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority NOT
Claimed

2002-79750

(Number)

Republic of Korea

(Country)

13/December/2002

Day/Month/Year Filled

☐

(Number)

(Country)

Day/Month/Year Filled

☐

I hereby claim the benefit under 35 U.S.C. § 120 or § 119(a) of any United States application(s), or § 365(a) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Serial No.)

(Filing Date)

(Status -- patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status -- patented, pending, abandoned)

I hereby appoint the attorneys and agents of Stas & Halsey LLP under USPTO Customer No. 21,171 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:



21171
PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of my application or any patent issued thereon.

Full name of sole or first inventor Jong-yoon KIM

Inventor's Signature JONG YOON KIM

Date 17 May 2004

Residence Yongin-si, Republic of Korea

Citizenship Republic of Korea

Mailing Address 101-1401 Seogun-ga Maoul SK Apt., Secheon-ni, Giheung-eup, Yongin-si, Gyeonggi-do, Republic of Korea

Full name of second inventor Chang-dong YEO

Inventor's Signature

Date

Residence Yongin-si, Republic of Korea

Citizenship Republic of Korea

Mailing Address 203-604 Daeil Maoul Hyundai Home Town 2-cha Apt. 1110 Jukjeon-ni, Suil-eup, Yongin-si, Gyeonggi-do, Republic of Korea

☒ Additional inventors are being named on separately numbered sheets attached hereto.

COMBINED DECLARATION/POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

Full name of third inventor Seyng-hyun SONG

Inventor's Signature _____

Date _____

Residence Seoul, Republic of KoreaCitizenship Republic of KoreaMailing Address B-1305 Kukdong Apt., Oksu 2-dong, Soongdong-gu, Seoul, Republic of KoreaFull name of fourth inventor Goun-soo KIM

Inventor's Signature _____

Date _____

Residence Seoul, Republic of KoreaCitizenship Republic of KoreaMailing Address 202-701 Jungang Apt., (9/4) 748-5 Sanggye-dong, Nowon-gu, Seoul, Republic of Korea

Full name of fifth inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

Mailing Address _____

Full name of sixth inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

Mailing Address _____

Full name of seventh inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

Mailing Address _____

Full name of eighth inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

Mailing Address _____

Full name of ninth inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

Mailing Address _____

Form (Rev. 2/01)

UNITED STATES'

Docket No.: 1793, 1084

COMBINED DECLARATION/POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

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My residence, post office address and citizenship are as stated below next to my name.

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METHODS OF OPTIMIZING RECORDING CURRENT AND SETTING RECORDING DENSITY OF HARD DISK DRIVE

(The specification of which is attached hereto, unless the following box is checked:

☒ was filed on December 12, 2003 as United States Application Number or PCT International Application Number 10/733,810 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any Amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56. I hereby claim (as an inventor) that the above information is material to the patentability of the above invention.

I hereby claim foreign priority benefit(s) under 35 U.S.C. § 119(a)-(d) or § 365(a)-(c) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority NOT
Claimed

2002-79780	Republic of Korea	13 December 2002
(Number)	(Country)	Day/Month/Year Filled

(Number)	(Country)	Day/Month/Year Filed
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I hereby claim the benefit under 35 U.S.C. § 120 or § 119(e) of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Serial No.)	(Filing Date)	(Status -- patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)
1	1990	patented
2	1991	pending
3	1992	abandoned
4	1993	patented
5	1994	pending
6	1995	abandoned
7	1996	patented
8	1997	pending
9	1998	abandoned
10	1999	patented
11	2000	pending
12	2001	abandoned
13	2002	patented
14	2003	pending
15	2004	abandoned
16	2005	patented
17	2006	pending
18	2007	abandoned
19	2008	patented
20	2009	pending
21	2010	abandoned
22	2011	patented
23	2012	pending
24	2013	abandoned
25	2014	patented
26	2015	pending
27	2016	abandoned
28	2017	patented
29	2018	pending
30	2019	abandoned
31	2020	patented
32	2021	pending
33	2022	abandoned
34	2023	patented
35	2024	pending
36	2025	abandoned
37	2026	patented
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107	2096	pending
108	2097	abandoned
109	2098	patented
110	2099	pending
111	2100	abandoned
112	2101	patented
113	2102	pending
114	2103	abandoned
115	2104	patented
116	2105	pending
117	2106	abandoned
118	2107	patented
119	2108	pending
120	2109	abandoned
121	2110	patented
122	2111	pending
123	2112	abandoned
124		

I hereby appoint the attorneys and agents of Stagg & Halsey LLP under USPTO Customer No. 21,171 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith;



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Full name of sole or first inventor Jong-yoon KIM

Inventor's Signature _____ Date _____

Residence Yonpo-el, Republic of Korea Citizenship Republic of Korea

Mailing Address 101-1401 Seongneung Maeul 3K Apt. Seongneung-d. Gyeongju-si, Yongsin-si, Gyeongju-do, Republic of Korea

Full name of second inventor Cheng-dang YEO

Inventor's Signature Chang-Dong Ye Date 17 May 2004

Residence Yangju-el, Republic of Korea Citizenship Republic of Korea

Mailing Address 203-604 Daeil Maeul Hyundai Home Town 2-sha Apt. 1110, Jukjeon-rd, Sull-dup, Yongsin-si, Gyeonggi-do, Republic
of Korea

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Full name of third inventor Sang-hyun SONG

Inventor's Signature _____

Date _____

Residence Seoul, Republic of KoreaCitizenship Republic of KoreaMailing Address 8-1305 Kukdong Apt., Okan 2-dong, Seongdong-gu, Seoul, Republic of KoreaFull name of fourth inventor Geun-soo KIMInventor's Signature Geun-soo KimDate 17 May 2004Residence Seoul, Republic of KoreaCitizenship Republic of KoreaMailing Address 202-701 Junong Apt., (9/4) 746-6 Sangnang-dong, Nowon-gu, Seoul, Republic of Korea

Full name of fifth inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

Mailing Address _____

Full name of sixth inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

Mailing Address _____

Full name of seventh inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

Mailing Address _____

Full name of eighth inventor _____

Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

Mailing Address _____

Full name of ninth inventor _____

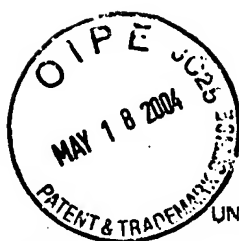
Inventor's Signature _____

Date _____

Residence _____

Citizenship _____

Mailing Address _____



Form (Rev. 2/01)

UNITED STATES

Docket No.: 1793,1084

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Prior Foreign Application(s)

Priority NOT
Claimed

<u>2002-79750</u>	<u>Republic of Korea</u>	<u>13/December/2002</u>	<input type="checkbox"/>
(Number)	(Country)	Day/Month/Year Filed	

_____	_____	_____	<input type="checkbox"/>
(Number)	(Country)	Day/Month/Year Filed	

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Full name of sole or first inventor Jong-yoon KIM

Inventor's Signature _____	Date _____
Residence <u>Yongin-si, Republic of Korea</u>	Citizenship <u>Republic of Korea</u>
Mailing Address <u>101-1401 Seongeunae Maoul SK Apt. Socheon-ri, Gilheung-eup, Yongin-si, Gyeonggi-do, Republic of Korea</u>	

Full name of second inventor Chang-dong YEO

Inventor's Signature _____	Date _____
Residence <u>Yongin-si, Republic of Korea</u>	Citizenship <u>Republic of Korea</u>
Mailing Address <u>203-604 Daaji Maoul Hyundai Home Town 2-chae Apt. 1110 Jukjeon-ri, Sull-eup, Yongin-si, Gyeonggi-do, Republic of Korea</u>	

☒ Additional inventors are being named on separately numbered sheets attached hereto.

COMBINED DECLARATION/POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

Full name of third inventor Seung-hyun SONGInventor's Signature Seung-Hyun Song Date 17 May 2004Residence Seoul, Republic of Korea Citizenship Republic of KoreaMailing Address 8-1305 Kukdong Apt., Oksu 2-dong, Seongdong-gu, Seoul, Republic of KoreaFull name of fourth inventor Geun-soo KIM

Inventor's Signature _____ Date _____

Residence Seoul, Republic of Korea Citizenship Republic of KoreaMailing Address 202-701 Jugong Apt., (9/4) 746-5 Sangye-dong, Nowon-gu, Seoul, Republic of Korea

Full name of fifth inventor _____

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____

Mailing Address _____

Full name of sixth inventor _____

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____

Mailing Address _____

Full name of seventh inventor _____

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____

Mailing Address _____

Full name of eighth inventor _____

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____

Mailing Address _____

Full name of ninth inventor _____

Inventor's Signature _____ Date _____

Residence _____ Citizenship _____

Mailing Address _____